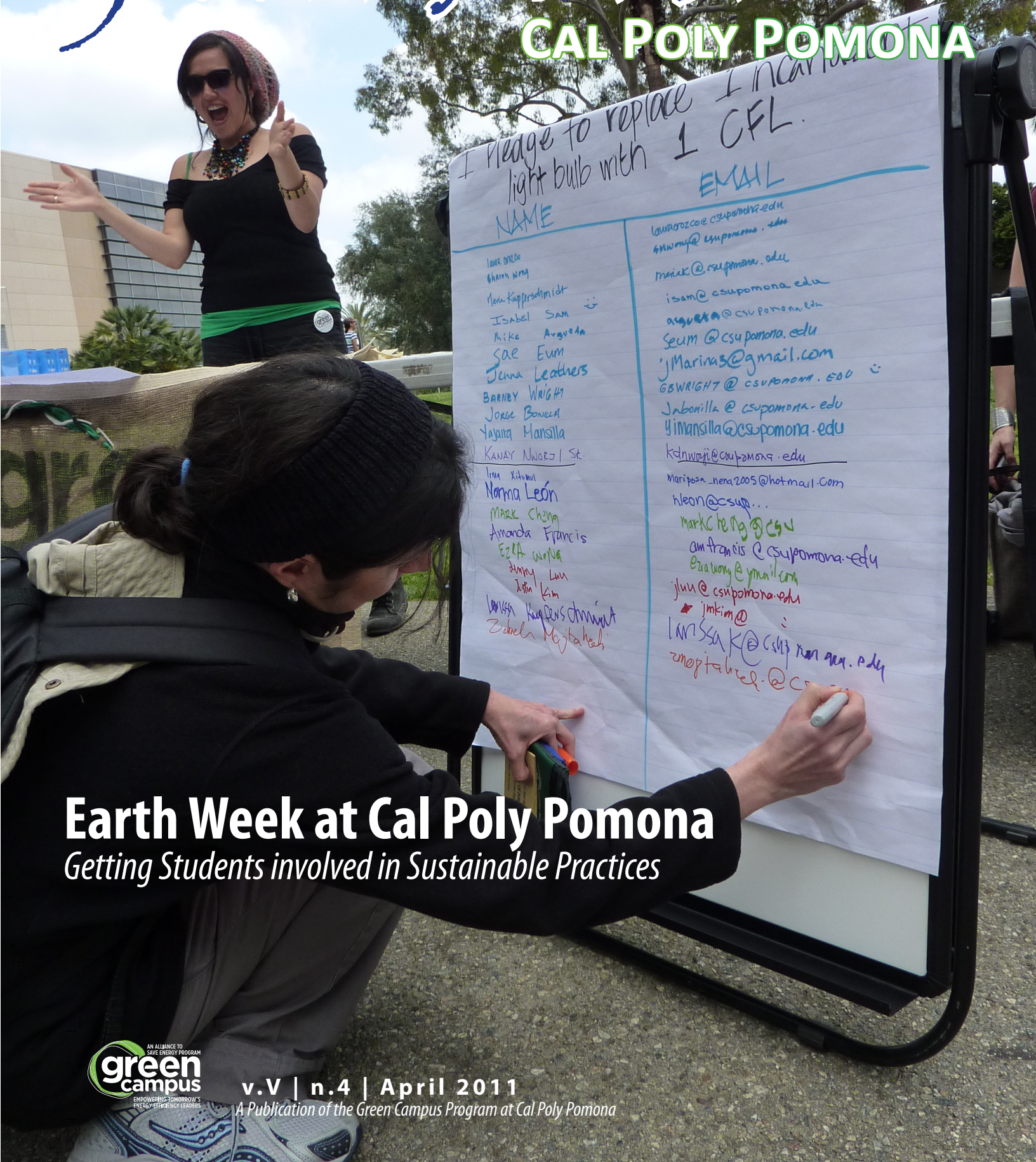


Green Pastures

CAL POLY POMONA



I Pledge to replace
light bulb with 1 CFL.

NAME

EMAIL

LOUIS ORLO
SHARON NING
Nina Kappfroschmidt
Isabel SAM
Mike Argueda
Sae Eun
Jenna Leathers
BARNEY WRIGHT
Jorge Bonilla
Yayana Mansilla
KANAY NIROO / St.
Inna Xitumut
Norma León
MARK Cheng
Amanda Francis
Ezra Wolfe
Jimmy Lum
Justin Kim
Luisa Kappfroschmidt
Zohreh Mojtabaeh

louisorlo@csupomona.edu
sharonning@csupomona.edu
marick@csupomona.edu
isam@csupomona.edu
argueda@csupomona.edu
Seum@csupomona.edu
jmarinas@gmail.com
GBWRIGHT@CSUPOMONA.EDU
Jabonilla@csupomona.edu
Yimansilla@csupomona.edu
kdnwaji@csupomona.edu
mariposa_nera2005@hotmail.com
hleon@csup...
markcheng@csu
amfrancis@csupomona.edu
EzraWong@ymail.com
jluu@csupomona.edu
jmkim@
LanSuk@csupomona.edu
mojtabaeh@csupomona.edu

Earth Week at Cal Poly Pomona

Getting Students involved in Sustainable Practices

Green Pastures

CAL POLY POMONA



What is the Green Campus Program?

The Alliance to Save Energy's Green Campus Program empowers college students to be tomorrow's energy efficiency leaders. Currently on 16 universities and colleges and employing over 75 interns each year, the program engages students in building pathways to green careers, realizing measurable energy savings, infusing energy and energy efficiency concepts into academic curricula, and promoting energy efficiency awareness. Green Campus interns work closely with faculty, staff, administrators, and other students to engage them in energy efficiency projects.

For more information please visit our website:

www.GreenCampusCPP.org

For general inquiries contact us at:

greencampus.cpp@gmail.com

Editor In Chief

Wen Lee

Senior Editor

Crystal Huang

Contributors

Andrew Coyne

Krishna Hernandez-Pruhs

Cynthia Joe

On the Cover

Intern Krishna Hernandez-Pruhs at a Tabling event for Earth Week (see page 6).

Right

Students of the Collins College attend a walkthrough of the Restaurant at Kellogg Ranch led by energy analyst Lauren Mills



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We Want You!

Are you interested in sustainability? Do you want to help Cal Poly Pomona save energy? If so, the Green Campus Program would love your help and participation.

If you would like to get involved on campus, contact us at greencampus.cpp@gmail.com!



ALLIANCE TO SAVE ENERGY

Creating an Energy-Efficient World



The Alliance to Save Energy's Green Campus Program is funded by the ratepayers of California under the auspices of SCE, SDGE, PG&E, and Semptra Energy

Green Campus and Collins College Team Up for Sustainability!

By Cynthia Joe

Did you know that a small drip can add up to 50,000 gallons per year which amounts to \$970? Neither did we! Students and staff learned this tidbit of information at the Green Food Service Workshop on Monday, April 11th, where Energy Analyst Lauren Mills and Engineer Kong Sham from the Food Service Technology Center (FSTC) visited Cal Poly Pomona's Collins College. Both Green Campus alumni, Lauren and Kong gave a workshop on green food service practices. FSTC, based in San Ramon, is funded by California utility customers with public purpose program funds and administered by the Pacific Gas and Electric Company to do appliance testing, energy audits, seminars, and publications, ultimately acting as a resource for energy efficient food service operations. The workshop was also co-sponsored by Southern California Edison's Customer Technology Application Center (CTAC), and SCE Engineer Angelo Rivera also attended and provided feedback on SCE energy rates and rebate opportunities.



Intended for Collins College students, the workshop was separated into two sections: a 1.5 hour orientation followed by a 1.5 hour walkthrough audit of the Restaurant at Kellogg Ranch. The Restaurant is a functioning restaurant completely run by students while school is in session. With the scheduling assistance of Associate Dean Michael Godfrey, attendees gathered into the kitchen and watched Lauren and Kong identify how to save energy with various pieces of equipment. In addition to fixing drips, adding side panels on ventilation hoods, pushing equipment flush against walls and other minor changes can result in large energy and monetary savings over the course of a year. Overall, the workshop was a success in translating abstract sustainable practices by demonstrating them in a realistic setting. If you would like more information about FSTC, please visit their website at: www.fishnick.com. Also, CTAC offers free classes on food service technology year round - you can sign up here: www.sce.com/b-sb/energy-centers/workshops-classes.htm.

Photo Upper Right: Students from the Collins College attend the first half of the Green Food Service Workshop

Photo Above: The second half of the Workshop included a walkthrough audit of the Restaurant at Kellogg Ranch

Green Space First Office Certification

By Crystal Huang

Green Campus is proud to announce that the Energy Services Unit office has been the first to complete the Green Space Office Certification program! Much like LEED's green building certification system (Leadership in Energy and Environmental Design), Green Space aims to increase awareness in offices all around campus in how to become more sustainable as well as recognize their efforts to lower their environmental impact. Through a simple online application and quiz, any office is able to participate in increasing sustainability through categories including energy, waste, transportation, purchasing, dining, and awareness. Using a point system, the participating office is gauged on levels of sustainability ranging from bronze, silver, and (the highest level) green. An office can also earn "innovation points" for other sustainability initiatives not listed on the application. In addition to scoring very well in the aforementioned categories, the Energy Services Unit office also earned innovation points through additional energy and water saving strategies. In the energy category, one innovation point was awarded for the "Help Save Energy" reminder stickers which are placed next to computer screens and light switches. Another innovation point was awarded for their water club which promotes employees not to buy bottled water, but to chip in a few dollars per month to purchase a Sparkletts filtered water cooler placed in the lunchroom.

Green Campus would like to say congratulations to the Energy Services Unit for all their creative sustainability efforts and for reaching the highest level of certification. With a total of 41 points, their office has been awarded the Green level certification! We hope to get more offices on board and "Green Space Certified," so if you are interested please visit the Green Campus website to apply!



Image Above: Levels of Green Space certification

WHAT'S NEW?

Green Campus Cal Poly Pomona now has a smoothie bike! Look for us in the next campus-wide event!



Photo Above: "Help Save Energy" reminder sticker on a computer screen

Photo Below: The water club in the lunchroom





Photo Above: Interns Andrew Coyne and Cynthia Joe give a presentation on Green Campus projects

Academic Infusion: Getting the Word Out!

By Andrew Coyne

Green Campus is always looking for new opportunities to get the word out about energy efficiency and sustainability. One of the ways the team does this is through short, 15-minute class presentations. On April 27th, Green Campus interns Crystal Huang and Andrew Coyne made a presentation to an anthropology class, "Environment, Technology, and Cultures", under the invitation of Professor Sharon Rachele. After a brief introduction about the program, Crystal and Andrew highlighted some recently completed projects, including the ENV 1000 pledge campaign and the Los Olivos Lighting Audit (Green Commons). Crystal impressed upon the audience of 34 students, the value of making small behavioral changes in one's everyday life. She then went on to encourage everyone to sign the sustainability pledge on the Green Campus website. The students seemed to appreciate the message, because afterwards, 27 of the 34 present did indeed sign it! To wrap up the presentation, Andrew announced some future projects and events, including the unveiling of the new Green Campus bike smoothie blender at the upcoming "Bike Week" tabling event (May 19th). Interested students were invited to participate in Green Campus events as volunteers, and were told to keep on the look out for future internship opportunities with the team. All in all, it was a very successful presentation! If you would like to have Green Campus come and speak to your class, please send an email to greencampuscpp@gmail.com or to any one of the Green Campus team members, and we will get back to you right away!

Cal Poly Pomona Goes Green over Earth Week

By Krisha J. Hernandez-Pruhs

Across the nation, 40 years ago, Americans ignited the modern environmental movement with the initiation of the first Earth Day observance on April 22, 1970. This monumental day inspired the nation and created a day to reflect and act on environmental issues and how each person could contribute to living with a more environmentally friendly focus throughout the rest of the year. Earth Day celebrations have evolved over the past four decades and more recently most choose to observe Earth Week, extending the week that Earth Day lands on into a week of awareness, action, and inspiration. Cal Poly Pomona was no exception during Earth Week 2011.

The Green Team, an environmentally focused club on campus, headed this year's events, putting together a robust agenda of activities for the campus populous to participate in while creating an atmosphere for collaboration with different campus groups, such as the Green Campus Program. The kick off day of Earth Week 2011 on the Cal Poly Pomona campus began on Tuesday April 19th with the Earth Fair. The Fair included tablings by thirteen different groups or persons who best represented sustainability as their platform, such as the Lyle Center for Regenerative Studies, the Regen Co-op, and the Rideshare Office.



The Green Campus interns hosted their own table, where they provided information on what the Green Campus Program is and also discussed the mission of Green Campus face-to-face to the attendees of the Fair. In addition, they also gave out free green gear such as stainless steel water bottles and tee-shirts. But mostly, the interns emphasized to the attendees to consider their environmental footprint, then pledge to an one or all of the three pledges posted on easels at the table. Those who signed the pledge chose from three posters that listed one of each of the following pledges: 1) I pledge to turn the water off while I brush my teeth or shave, saving one gallon of water per minute; 2) I pledge to turn off my computer or put it to sleep when I'm not using it; and 3) I pledge to replace one incandescent light bulb with one compact fluorescent lamp (CFL). Of course the Green Campus interns were happy to provide a CFL free of charge for those who signed the the third pledge! The Green Campus interns were happy to participate in Earth Week and hope that the students at Cal Poly Pomona were able to not only take away green gear from the tables, but more importantly, the knowledge and awareness that generates a more sustainable daily living style. In an effort to promote the continued awareness and energy that Earth Week delivers, the Green Campus interns plan to promote the Sustainability Pledge to additional students who may not have attended the Earth Fair, through their "Beyond Earth Week" campaign which will include a campus-wide competition, and of course prizes! So, be on the look out for the Beyond Earth Week promotions coming soon!



Photo Above: Passerbys sign up to commit to one behavioral change during Earth Week

Photo to the Right: Items such as Green Campus buttons, t-shirts, and pens are given out

Green Campus By the Numbers - April 2011

Quantity	Event
58	The number of students who attended a Green Campus Presentation
15	The number of people present at the Collins College Workshop
67	The number of students who took the Green Campus Earth Week Pledge

Former Intern Brandon Ro Wins Green Design Competition

Two homes, owned by the City of San Diego, were destroyed by a fire in 2007 and qualified for emergency assistance funds from the Federal Emergency Management Agency (FEMA). Rather than using the funds to purchase FEMA trailers, the City of San Diego teamed up with Cal Poly Pomona's Department of Architecture and HMC Architects to design two low-cost sustainable homes that incorporate passive solar heating and cooling as well as renewable energy sources. Pablo LaRoche, architecture professor and Green Campus faculty stakeholder, taught the Carbon Neutral Design Studio at Cal Poly Pomona where Green Campus alumnus Brandon Ro and his partner Aaron Locke competed with other student teams for two winning designs. At the end of winter quarter, Brandon and Aaron's MOD5 design was selected for construction. This quarter, Brandon and Aaron will continue to develop and test digital mockups of the buildings. In the summer, they will develop construction documents while interning at HMC Architects, and construction will begin in the fall of 2011. Congratulations Brandon on this achievement!



Photos Above: The night and day view of the northeast elevation of the MOD5 Design

Contact Us!

Green Campus Interns:

Andrew Coyne: andrew.coyne1@gmail.com

Cynthia Joe: cynthiajoe@gmail.com

Krishna Hernandez-Pruhs: kjpruhs@gmail.com

Crystal Huang: crystalhuang3@gmail.com

Green Campus General Inquiries:

green-campus.cpp@gmail.com

www.GreenCampusCPP.org